

FIG. 2

FIG. 3 is a cross-sectional view of a mechanical assembly, showing a central shaft (128) passing through a housing (108). The shaft is supported by bearings (143, 147, 152) and is connected to a rotor (110) via a coupling (149). The rotor is mounted on a stator (130a, 130b) and is surrounded by a fluid chamber (145). The assembly is shown in a cross-sectional view, with the housing (108) and stator (130a, 130b) shown in hatched sections. The central shaft (128) is shown in a solid section. The bearings (143, 147, 152) are shown in cross-section. The coupling (149) is shown in cross-section. The rotor (110) is shown in cross-section. The fluid chamber (145) is shown in cross-section. The stator (130a, 130b) is shown in cross-section. The housing (108) is shown in cross-section. The assembly is shown in a cross-sectional view, with the housing (108) and stator (130a, 130b) shown in hatched sections. The central shaft (128) is shown in a solid section. The bearings (143, 147, 152) are shown in cross-section. The coupling (149) is shown in cross-section. The rotor (110) is shown in cross-section. The fluid chamber (145) is shown in cross-section. The stator (130a, 130b) is shown in cross-section. The housing (108) is shown in cross-section.

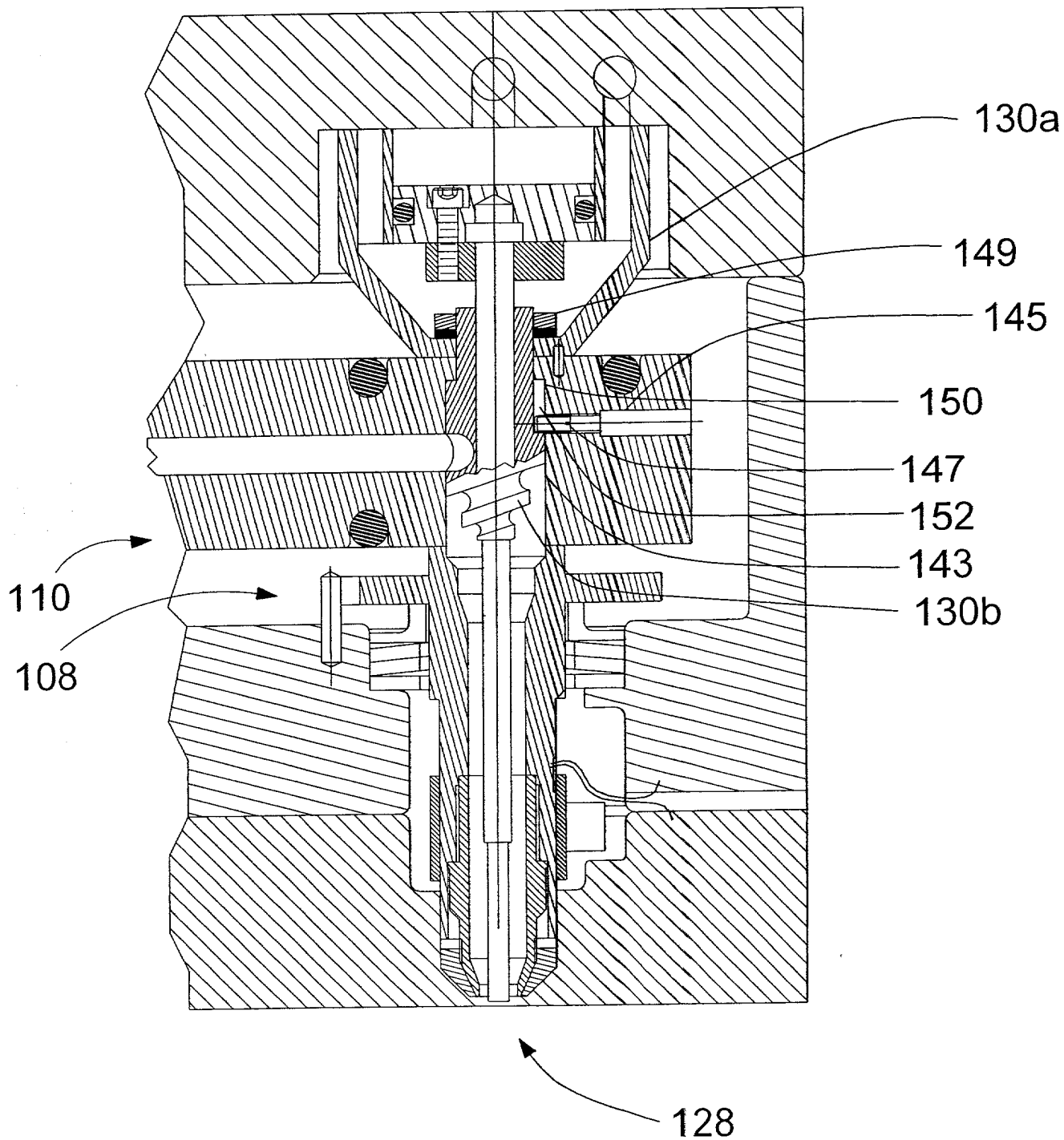


FIG. 3

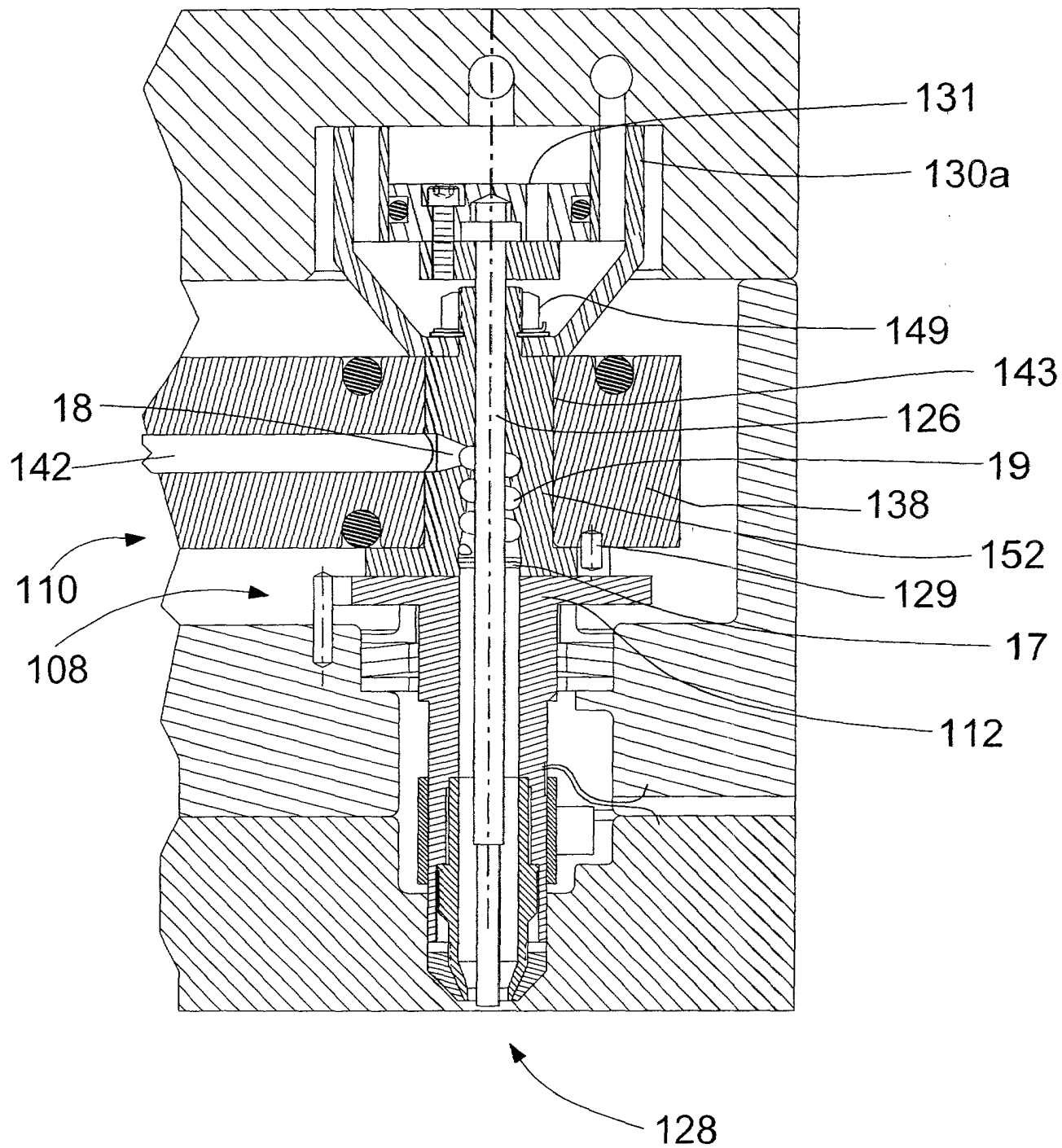


FIG. 4

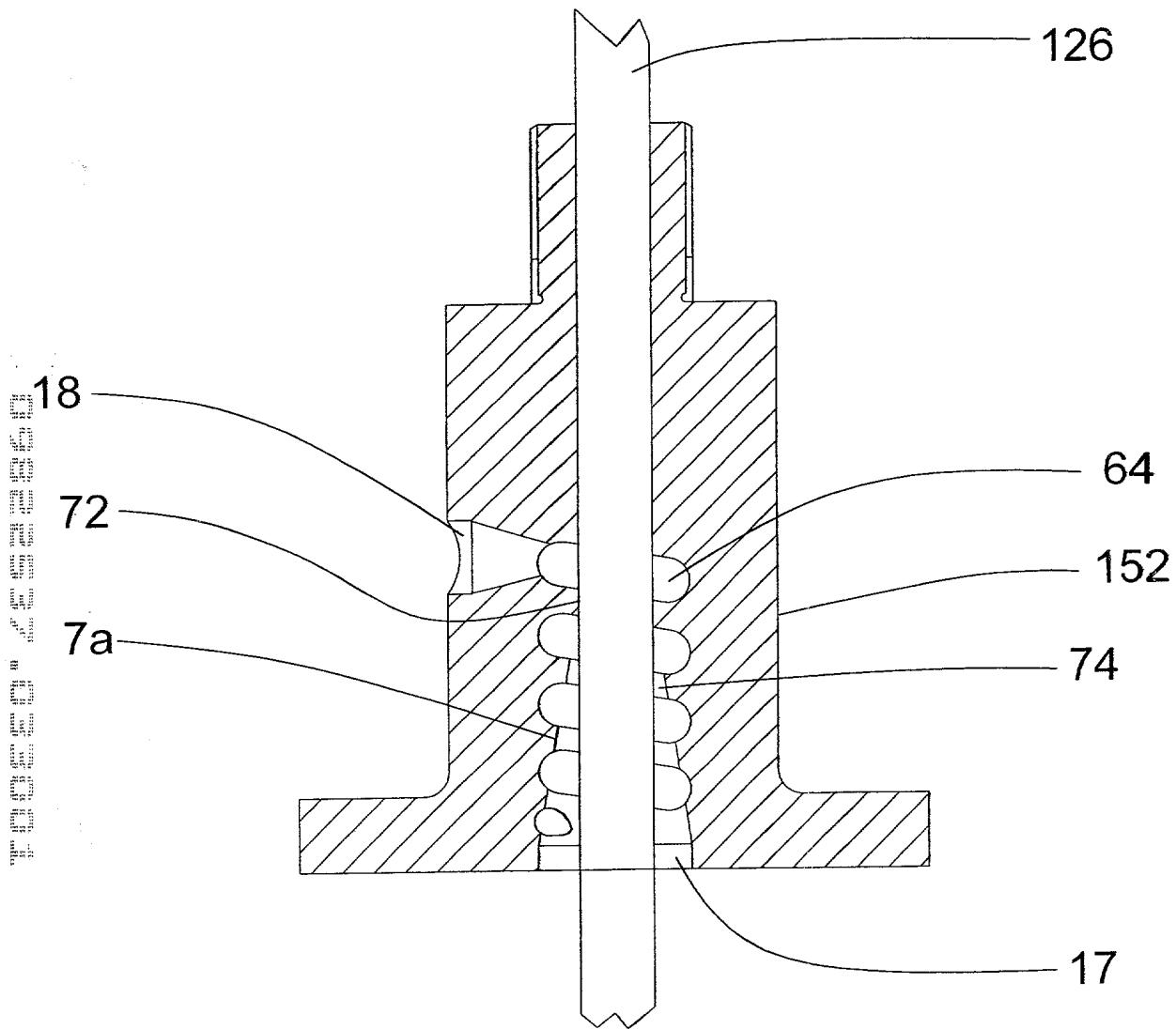


FIG 4a

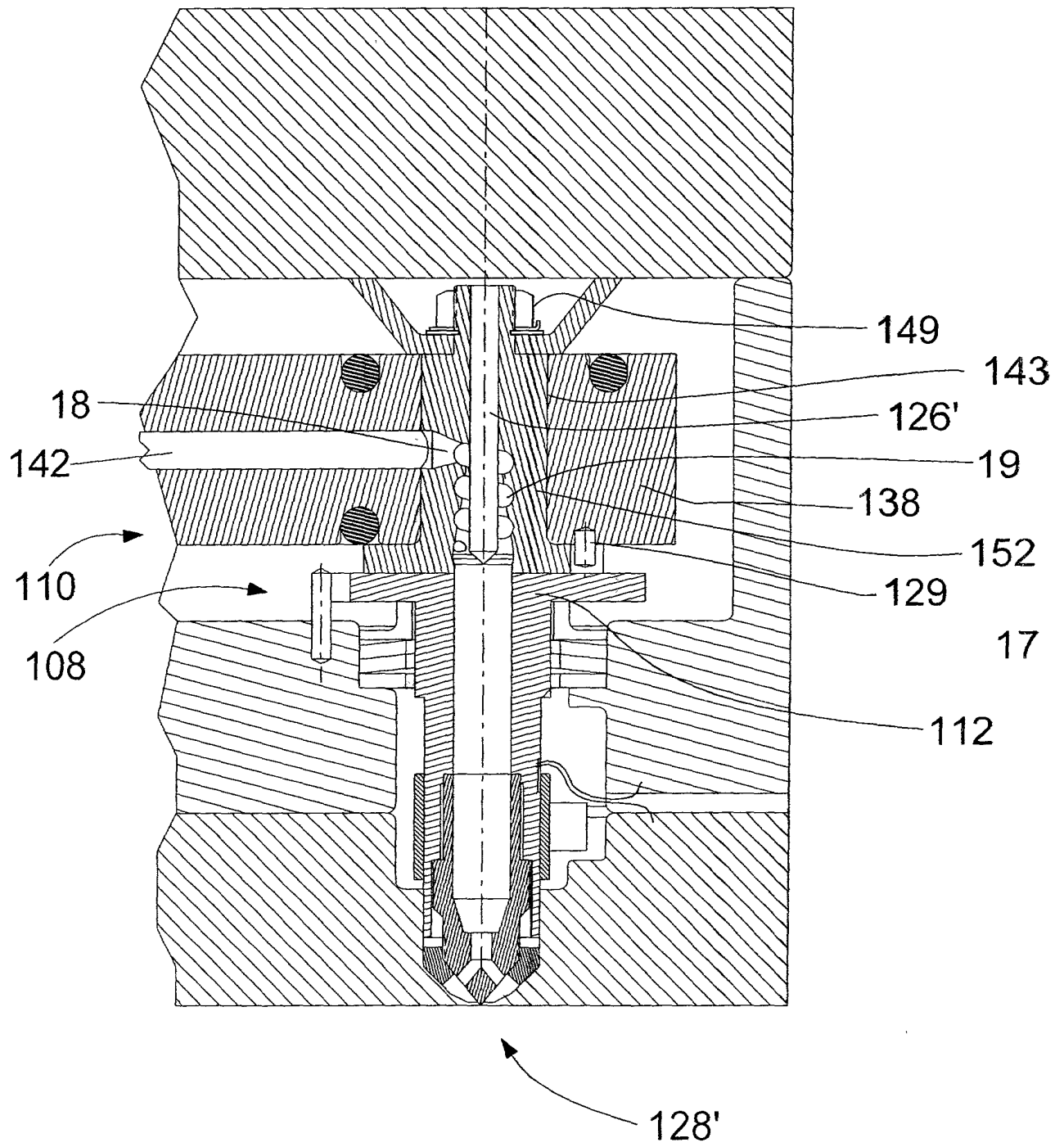


FIG. 4b

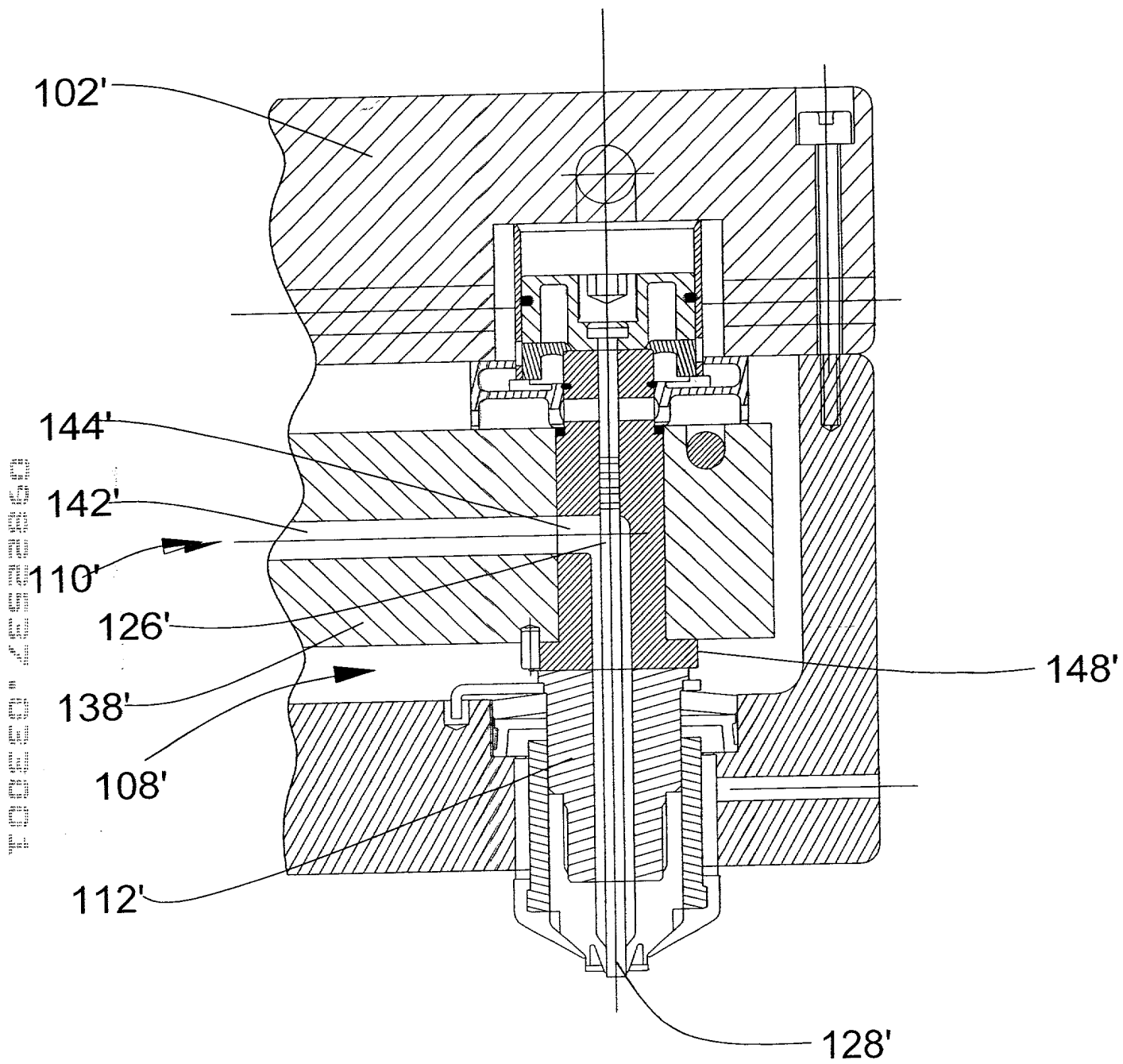


FIG. 5
(Prior Art)

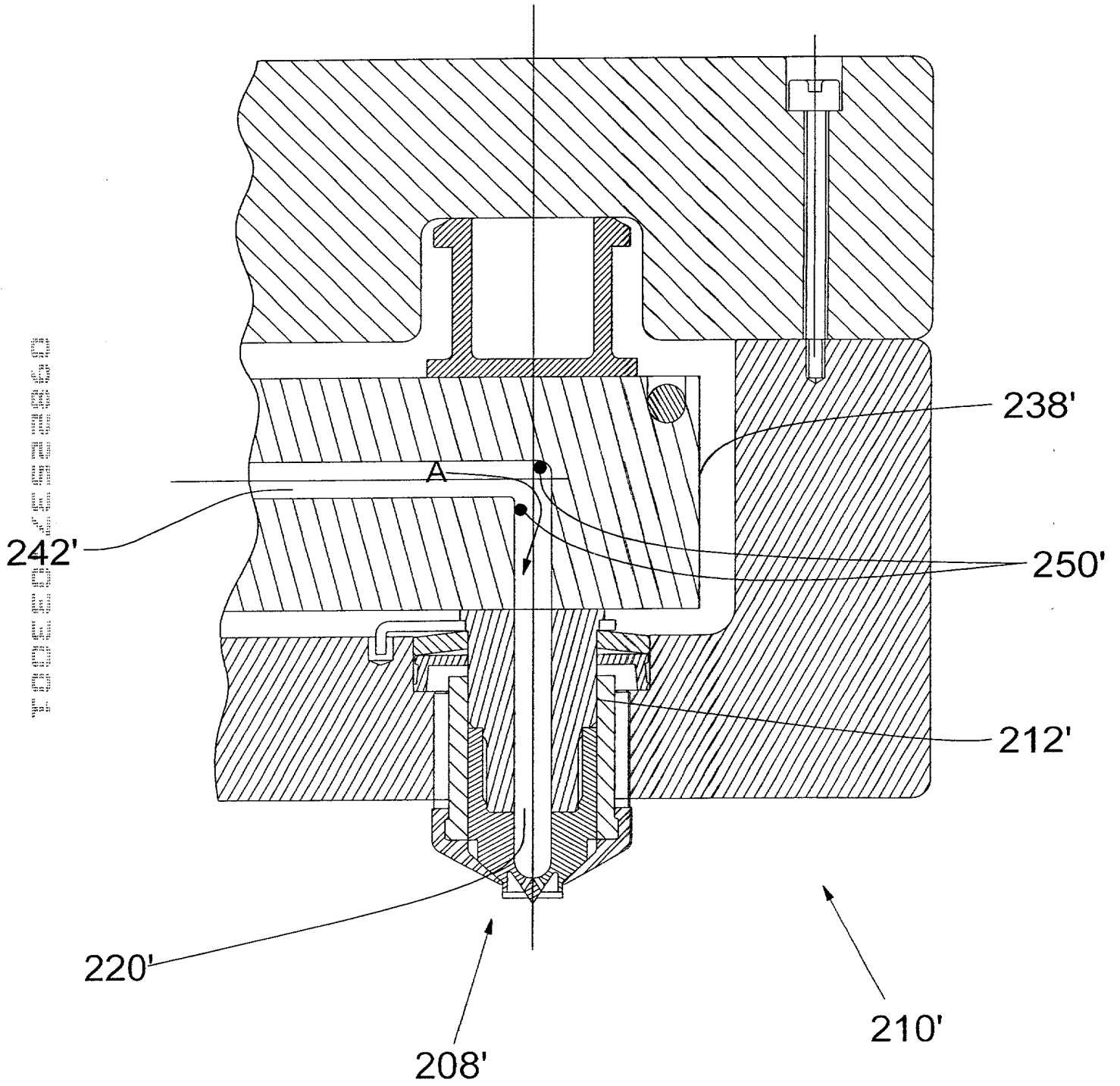


FIG. 6
(Prior Art)

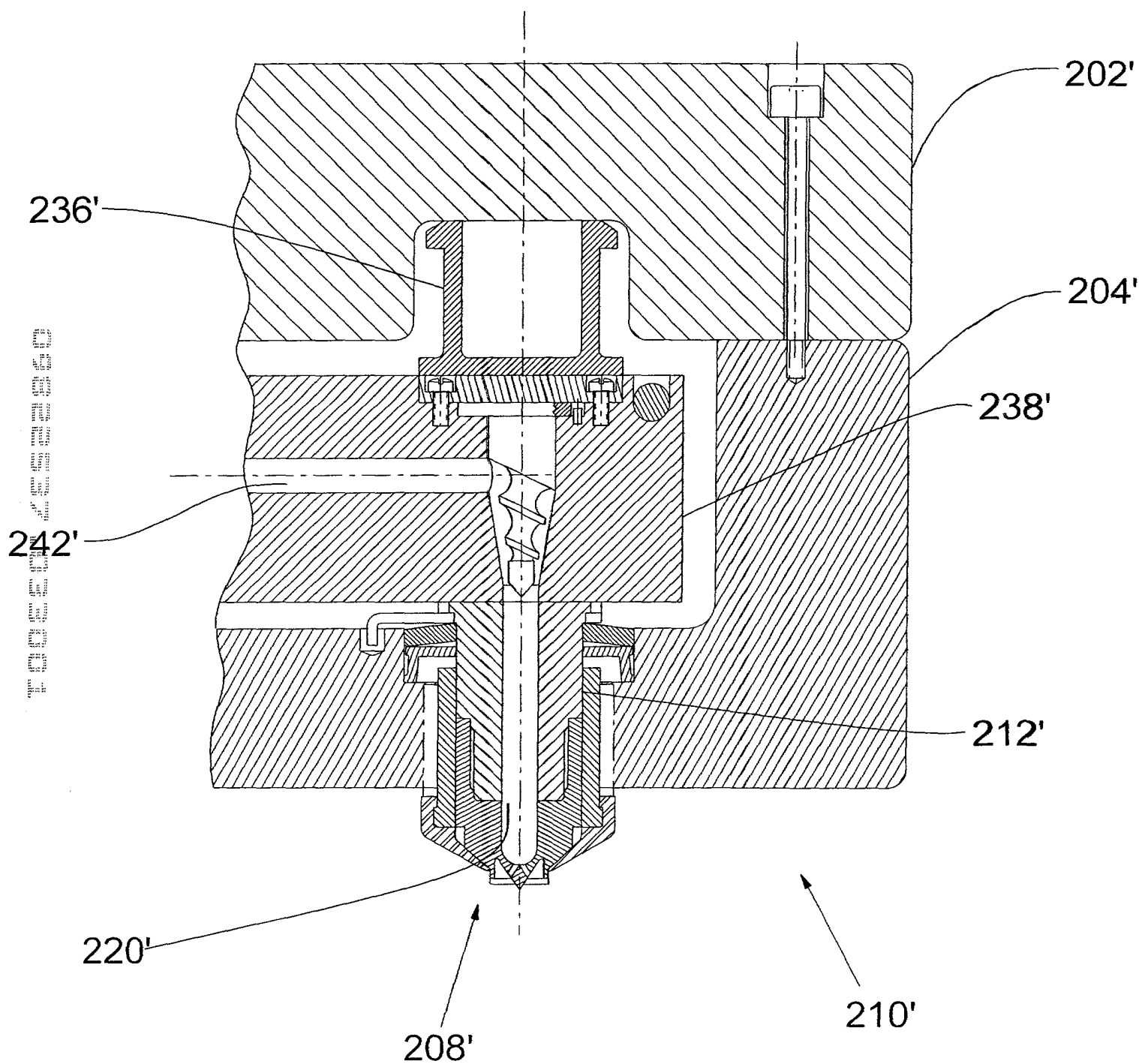


FIG. 7

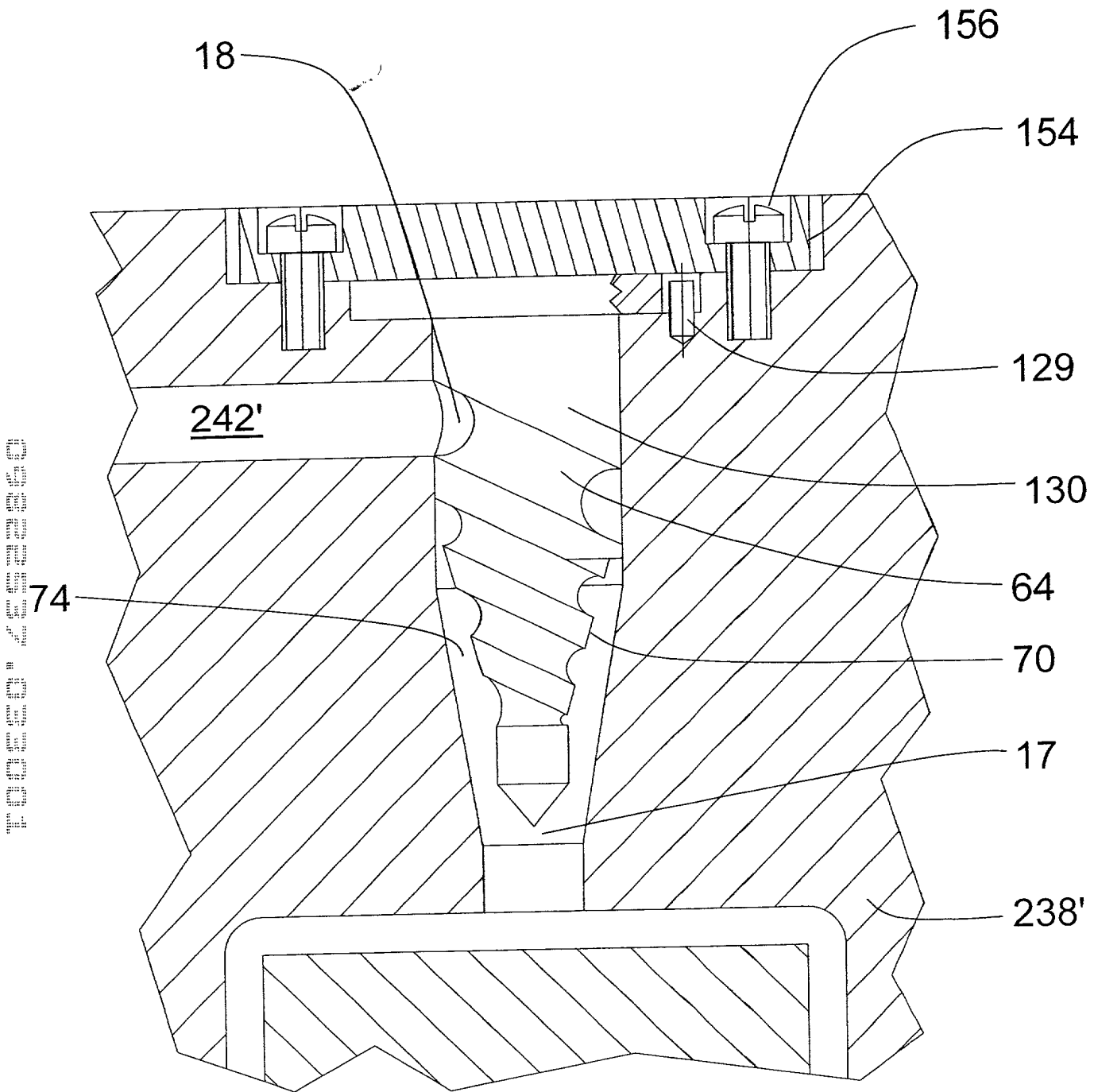


FIG. 8

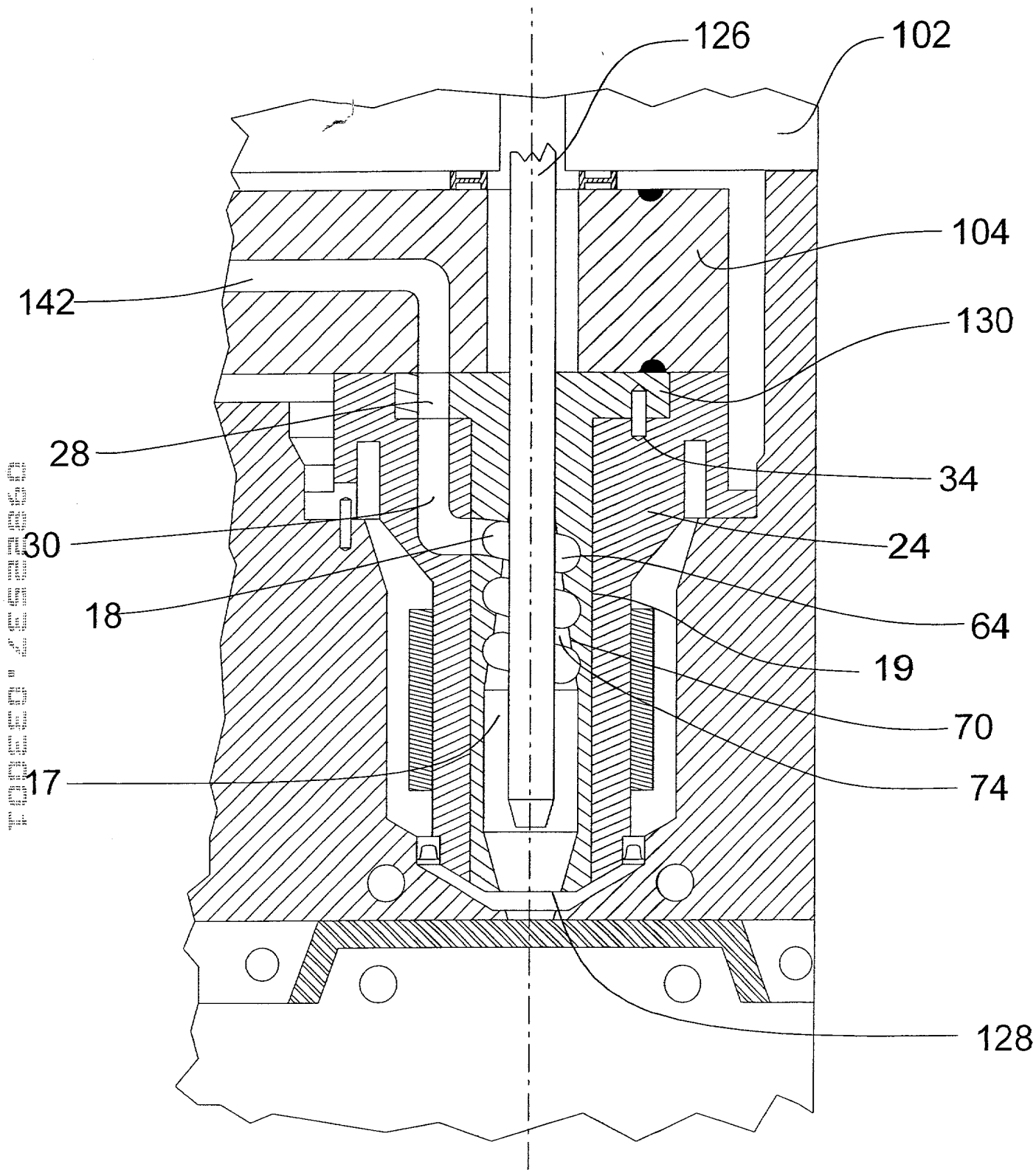


FIG 10